

Title (en)

Decompression system for compressed video data for providing uninterrupted decompressed video data output

Title (de)

System zur Dekompression komprimierter Videodaten mit ununterbrochenem Datenstrom am Videoausgang

Title (fr)

Système de décompression pour données vidéo comprimées sans interruption de données sur la sortie vidéo

Publication

EP 0695094 A3 19970618 (EN)

Application

EP 95305118 A 19950721

Priority

US 27876194 A 19940722

Abstract (en)

[origin: EP0695094A2] A video decompression system (100) for decompressing consecutive streams of compressed video data to provide a continuous, uninterrupted decompressed video data output stream comprises a controller (110), decompression circuits (120), each circuit having a compressed video data buffer (121), a decoder (123), and a decompressed video data buffer (125). Each of the compressed video data buffers (121) is coupled to an input switch (105) and each of the decompressed video data buffers is coupled to an output switch (115). Simultaneous decompression in the circuits (120) results, when necessary, in each decompression circuit (120) having several frames of decompressed video data available for immediate display before that decompressed video data is actually required. <MATH>

IPC 1-7

H04N 7/26

IPC 8 full level

H04N 5/92 (2006.01); **H03M 7/30** (2006.01); **H04N 7/26** (2006.01); **H04N 7/32** (2006.01)

CPC (source: EP US)

H04N 19/00 (2013.01 - EP US); **H04N 19/30** (2014.11 - EP US)

Citation (search report)

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- [A] US 5146325 A 19920908 - NG SHEAU-BAO [US]
- [A] EP 0590974 A2 19940406 - TOSHIBA KK [JP]
- [A] WO 9311617 A1 19930610 - ACTV INC [US]
- [A] LIN ET AL: "designing a high-throughput vlc decoder part II-parallel decoding methods", IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY, vol. 2, no. 2, June 1992 (1992-06-01), NEW YORK US, pages 197 - 206, XP000280659

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0695094 A2 19960131; **EP 0695094 A3 19970618**; **EP 0695094 B1 19990623**; DE 69510414 D1 19990729; DE 69510414 T2 19991021; JP 3892063 B2 20070314; JP H0865687 A 19960308; US 5495291 A 19960227

DOCDB simple family (application)

EP 95305118 A 19950721; DE 69510414 T 19950721; JP 16731295 A 19950703; US 27876194 A 19940722